BRUHAT BENGALURU MAHANAGARA PALIKE

Name of work: Developmental works to Vivekananda Park , Providing Cobble stones and fixing children play equipments in Vishwanagar park in Ward No.03

Pre-measurment sheet

2nd And Final Bill Recorded on 25/11/2020

Sl.	Particulars	Unit	No	Length	Breadth	Depth	Qty	Measured on
1	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
		Cum						
	Out side of building							
	Infront of Toilets		1	8.75	1.25	0.1	1.094	
	Entarnce of toilet door		1	1.3	1.9	0.1	0.247	
	Infront of security room		1	5.5	0.65	0.1	0.358	
	Beside of security room		1	5.05	0.8	0.1	0.404	
	Behind of security room		1	3.15	0.8	0.1	0.252	
			1	1.5	0.5	0.1	0.075	
	Behind of toilet rooms		1	9.95	0.6	0.1	0.597	
	Infront of toilet room (Dustbin side)		1	3.3	1	0.1	0.330	
	Inside of building							
	security room		1	3	5	0.1	1.500	
	security room tioilet		1	1.5	1.8	0.1	0.270	
	Toilets comman entrance		2	2.75	3.6	0.1	1.980	
	inside toilets		4	1.3	1.1	0.1	0.572	
					Total Qty		**7.68**	

Contractor

Assitant Engineer
Project Division ,Yalahanka Zone

Assistant Executive Engineer
Project Division ,Yalahanka Zone

Assistant Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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BRUHAT BENGALURU MAHANAGARA PALIKE

Name of work: Developmental works in Vivekananda Park , Providing Cobble stones and fixing children play equipments in Vishwanagar park in Ward No.03

Pre-measurement sheet

2nd And Final Bill

25/11/2020

Sl.	Particulars	Unit	No	Length	Breadth	Depth	Qty	Measured on
1	Dismantling plastering and removing the debris with a lead upto 200m with all lead and lift , loading and unloading and all other incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
	Out side wall	Sqm	1	7.6		4.45	33.82	
			1	1.95		4.45	8.68	
			1	5.5		4.45	24.48	
			1	3.5		4.45	15.58	
			1	3.2		4.45	14.24	
			1	1.75		4.45	7.79	
			1	7.6		4.45	33.82	
			1	2.35		4.45	10.46	
	Parapet wall							
	Top		1	33.45	0.2		6.69	
	Inside		1	33.45		0.6	20.07	
	Deduction							
	V		-9	0.6		0.6	-3.24	
			-3	0.9		2.1	-3.78	
			-1	0.8		2.1	-1.68	
							166.91	
	inside walls							
	Security room							
			2	3		1	6	
			2	5		3	30	
			2	1.5		3	9	
			2	1.8		3	10.8	
	Toilets		2	2.75		3	16.5	
			2	3.6		3	21.6	
			2	2.8		3	16.8	
			2	1.3		3	7.8	
			2	1.1		3	6.6	
			2	2.75		3	16.5	
			2	3.6		3	21.6	
			2	2.8		3	16.8	
			2	1.3		3	7.8	
			2	1.1		3	6.6	
	For SSM		1	215.5		1.5		
	Deduction							
			-9	0.6		0.6	-3.24	
			-4	0.8		2	-6.4	
			-1	0.8		2	-1.6	
			-3	0.9		2.1	-5.67	
			-2	1.2		1.2	-2.88	
							193.5	
					Total		365.41	

Contractor

Assistant Engineer
Project Division, Yelahanka Zone

Assistant Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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BRUHAT BENGALURU MAHANAGARA PALIKE

Name of work: Developmental works to Vivekananda Park , Providing Cobble stones and fixing children play equipments in Vishwanagar park in Ward No.03

Pre-measurement sheet

2nd And Final Bill

27/11/2020

Sl	Particulars	Unit	No	Length	Breadth	Depth	Qty	Measured on
19	Providing and fixing Chormated Poly Veryl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 20mm nominal OD pipes. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
	For pipe connection	Rmt					6.65	
	From Compound to building		1	6.65			6	
	GL to OHT		1	6			10.15	
	OHT to toilets rooms (Behind toilet)		1	10.15			47.2	
	bath room including wash basins ans urinals		5	9.44			70	
					Total Qty			

Assitant Engineer
Project Division ,Yalahanka Zone

Assitant Executive Engineer
Project Division ,Yalahanka Zone

Contractor PMC

Sl	Particulars	Unit	No	Length	Breadth	Depth	Qty	Measured on
20	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 32 mm nominal OD pipes. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
		Rmt						
	From Compund out side to Building		1	25.4			25.4	
					Total Qty		25.4	

Contractor PMC

Assitant Engineer
Project Division ,Yalahanka Zone

Assitant Executive Engineer
Project Division ,Yalahanka Zone

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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BRUHAT BENGALURU MAHANAGARA PALIKE

Name of work: Developmental works to Vivekananda Park , Providing Cobble stones and fixing children play equipments in Vishwanagar park in Ward No.83

Pre-measurement sheet

2nd And Final Bill

26/11/2020

Sl	Particulars	Unit	No	Length	Breadth	Depth	Qty	Measured on
19	KSREP 202-1 Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2 metres and an average lift upto 0.5 m, excavated surface levelled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications, with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer in charge of the work							
	existing bath room to drain		1	16.5	0.8	0.8	10.560	
			1	6	0.8	0.8	3.840	
	From stage bath room to drain		1	30	0.8	0.8	19.200	
			1	20	0.8	0.8	12.800	
	Side entrance		1	15	1	1	15.000	
						Qty	76.400	

Contractor

Assistant Engineer
Yelahanka Zone

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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BRUHAT BENGALURU MAHANAGARA PALIKE

Name of work: Developmental works to Vivekananda Park , Providing Cobble stones and fixing children play equipments in Vishwanagar park in Ward No.03

Pre-measurment sheet

2nd And Final Bill

27/11/2020

Sl.	Particulars	Unit	No	Length	Breadth	Depth	Qty	Measured on
46	KSRRB M400-19: Construction of Median and island above road level with approved material deposited from borrowpits, spread, sloped and compacted as per Clause 400.7 complete as per specifications. MORTH Specification No.407 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
	valleyball court		1	15	7	0.3	31.5	
	side of gym		1	18	8.5	0.6	91.8	
	EXSISTING Dust bin		1	25	9	0.7	157.5	
					Qty		280.8	
53	Supplying following size heavy guage PVC conduit pipe and following thick confirming to IS 2509 with suitable size bends, Metal/PVCjunction boxes, adhesive paste etc, and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures run with 18SWG GI fish wire where ever necessary- 25mm dia 2mm thick with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
	25mm dia 2mm thick	2	1	30			60	
						Qty	60	

Contractor PMC

Assitant Engineer
Project Division ,Yalahanka Zone

Assitant Executive Engineer
Project Division ,Yalahanka Zone

Contractor

PMC

Assitant Engineer
Project Division ,Yalahanka Zone

Assitant Executive Engineer
Project Division ,Yalahanka Zone

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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BRUHAT BENGALURU MAHANAGARA PALIKE

Name of work: Developmental works to Vivekananda Park , Providing Cobble stones and fixing children play equipments in Vishweshwarapura park in Ward No.83

Pre-measurement sheet

2nd And Final Bill

12 | 12 | 2020

Sl. No.	Particulars	Unit	No	Length	Breadth	Depth	Qty	Remarks
50.	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multicored Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & conforming to GTP of Group-A , 1.5sqmm with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer in-charge of the work							
	1.5sqmm						80 m	
	2.5sqmm						120 m	
	Earth wire						400	

Assistant Executive Engineer

Project Division

Yelahanka Zone

BBMP, Bangalore - 92

Assistant Engineer

Project Division, Yelahanka Zone

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BRUHAT BENGALURU MAHANAGARA PALIKE

Name of work: Developmental works to Vivekananda Park , Providing Cobble stones and fixing children play equipments in Vishwanagar park in Ward No.03

Pre-measurment sheet

2nd And Final Bill 27/11/2020

Sl.	Particulars	Unit	No	Length	Breadth	Depth	Qty	Measured on
66	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strips (except 2CX10Sq mm wire armoured) as per IS-3975 1990 & extruded PVC outer sheathed armoured cable as per IS-1554 Part-1 1988 & confirming to GTP of GROUP-B with all lead and lift , loading and unloading and allother incidental charges etc , complete as per specification and direction of the engineer-in-charge of the work							
	Basket ball court	Rmt						
	From mains to lighting poles		1	9			9	
			1	15			15	
			1	8			8	
			1	21			21	
			1	10			10	
			1	15			15	
	valleyball court							
			1	15			15	
			1	10			10	
			1	12			12	
			1	17			17	
			1	9			9	
			1	11			11	
			1	9			9	
			1	27			27	
	In poles		8	10			80	
	For Main panel board		1	90			90	
						Qty	358	

Contractor

Assistant Engineer
Project Division ,Yelahanka Zone

Assistant Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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BRUHAT BENGALURU MAHANAGARA PALIKE

Name of work: Developmental works to Vivekananda Park , Providing Cobble stones and fixing children play equipments in Vishwanagar park in Ward No 81

Pre measurement sheet

2nd And Final Bill

Sl. No.	Particulars	Unit	No	Length	Breadth	Depth	Qty	Measured on
68	Supplying of 1.1 KV E.L.T.Us cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized steel strips (except 2c X10Sq.mm wire armoured) as per IS: 1975:1990 & extruded PVC outer sheathed armoured cable as per IS: 1554 Part-I: 1988 & confirming to GTP of GROUP-B with all lead and lift, loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer in charge of the work							
	2c Cable lights	Rmt	1	5			5	
			1	145			145	
			1	4			4	
	Mains to Cable lights switches		1	30			30	
			1	14			14	
			1	15			15	
	Lights		3	285			855	
	Street Lights		5	8			40	
						Qty	120	

Contractor

Assistant Engineer
Project Division ,Yelahanka Zone

Assistant Executive Engineer
Project Division ,Yelahanka Zone

Assistant Executive Engineer
Project Division
Yelahanka Zone
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BRUHAT BENGALURU MAHANAGARA PALIKE

Name of work: Developmental works to Vivekananda Park , Providing Cobble stones and fixing children play equipments in Vishwanagar park in Ward No.03

Pre-measurment sheet

2nd And Final Bill

28/11/2020

Particulars	Unit	No	Length	Breadth	Depth	Qty	Measured on
Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on poles as required in existing trench/duct with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
Item no 66 and 67					Qty	478	

Contractor

Assitant Engineer
Project Division ,Yalahanka Zone

Assitant Executive Engineer
Project Division ,Yalahanka Zone

Asst. Executive Engineer
Project Division
Yelahanka Zone
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BRUHAT BENGALURU MAHANAGARA PALIKE

Name of work: Developmental works to Vivekananda Park , Providing Cobble stones and fixing children play equipments in Vishwanagar park in Ward No.03

Pre-measurment sheet

2nd And Final Bill

28/11/2020

Particulars	Unit	No	Length	Breadth	Depth	Qty	Measured on
Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7) with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
Item no 66 and 67					Qty	478	

Contractor

Assitant Engineer
Project Division ,Yalahanka Zone

Asst. Executive Engineer
Project Division ,Yalahanka Zone

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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BRUHAT BENGALURU MAHANAGARA PALIKE

Name of work: Developmental works to Vivekananda Park , Providing Cobble stones and fixing children play equipments in Vishwanagar park in Ward No 83

Pre measurement sheet

2nd And Final Bill

Sl. No.	Particulars	Unit	No	Length	Breadth	Depth	Qty	Measured on
1.	Wiring in lighting/Power circuit using one of 1R1.5 PVC insulated 1100V grade, multistrand Copper conductor, single core wire in open or concealed system of wiring as per IS:694:1990 & confirming to GTP of CESC/P & with all lead and lift , loading and unloading and altother incidental charges etc , complete as per							
	Park entry		2	30			60	
	Parking zone		1	25			25	
							85	

Assistant Engineer
Project Division ,Yelahanka Zone

Asst. Executive Engineer
Project Division, Yelahanka Zone
BBMP, Bangalore - 92

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BRUHAT BENGALURU MAHANAGARA PALIKE

Name of work: Developmental works to Vivekananda Park ; Providing Cobble stones and fixing children play equipments in Vishwanagar park in Ward No 65

Pre measurment sheet

2nd And Final Bill

Sl.	Particulars	Unit	No	Length	Breadth	Depth	Qty	Measured by
1	Providing Raiyan harvesting pits (in Dismal Sub estimate enclosed) with all lead and lift , loading and unloading and other incidental charges etc , complete as per specification and direction of the engineer in charge of the work							
	Basket ball court							
	volley ball court							

Assistant Engineer
Project Division ,Yelahanka Zone

Assistant Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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BRUHAT BENGALURU MAHANAGARA PALIKE

Name of work: Developmental works in Vivekananda Park , Providing Cobble stones and fixing children play equipments in Vishwanagar park in Ward No.83

Pre measurement sheet

2nd And Final Bill

15/08/2020

Sl.	Particulars	Unit	No	Length	Breadth	Depth	Qty	Measured on
	Extra items							
1	KSDB 18.5a KSDB M/30.19 Dismantling of barbed wire fencing /wire mesh fencing including posts Foundation concrete ,back filling of pit by manual means including disposal of dismantled material with all lifts and stacking serviceable material and unserviceable material separately, complete as per specification MOE DH Specification no 202							
	Gate side North to South		1	13.76		1.8	23.81	
			1	12.32		1.8	22.18	
			1	29.69		1.8	53.44	
			1	27.75		1.8	49.95	
			1	4.85		1.8	8.73	
			1	21.56		1.8	38.81	
			1	16.9		1.8	30.42	
			1	12.32		1.8	22.18	
	Nandini booth side							
	East west		1	14.56		1.8	26.21	
			1	12.7		1.8	22.86	
			1	13.16		1.8	23.69	
			1	12.4		1.8	22.32	
			1	17.2		1.8	30.96	
			1	1.62		1.8	2.92	
			1	5.5		1.8	9.90	
			1	1.82		1.8	3.28	
			1	12.7		1.8	22.86	
			1	13.11		1.8	23.60	
			1	13.21		1.8	23.78	
			1	13.5		1.8	24.30	
			1	18.745		1.8	33.74	
	strom water Drain side		1	21.22		1.8	38.196	
	West to East		1	39.8		1.8	71.64	
			1	13.3		1.8	23.94	
			1	25.92		1.8	46.656	
			1	13.6		1.8	24.48	
			1	12.8		1.8	23.04	
							747.75	
	Deddduction for Gate		1	4.85		1.8	8.73	
					Total Qty		739.02	

Weight Consultants Bangalore PMC

Contractor

Assitant Engineer
Project Division ,Yalahanka Zone

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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